

**WASTE MANAGEMENT
SURFACE EMISSION MONITORING
CALIBRATION AND PERTINENT DATA**

Date: 7.30.14

Site Name: Cottonwood

WEATHER OBSERVATIONS

Wind Speed: 4 MPH Wind Direction: WNW Barometric Pressure: 29.7

Air Temperature: 78° deg F General Weather Conditions: Partly Cloudy

CALIBRATION INFORMATION

Pre-monitoring Calibration Precision Check

Procedure: Calibrate the instrument. Make a total of three measurements by alternating zero air and the calibration gas. Record the readings and calculate the average algebraic difference between the instrument reading and the calibration gas as a percentage. The calibration precision must be less than or equal to 10% of the calibration gas value.

Instrument ID: _____ Cal Gas Concentration: 500 ppm

Trial	Zero Air Reading	Cal Gas Reading	(Cal Gas Conc. - Cal Gas Reading)
1	<u>.13</u>	<u>488</u>	<u>12</u>
2	<u>0</u>	<u>494</u>	<u>6</u>
3	<u>.09</u>	<u>490</u>	<u>10</u>

Average Difference: 9.33

Calibration Precision = Average Difference/Cal Gas Conc. X 100%
1.86

Post-monitoring Calibration Check

Zero Air Reading: 0 ppm Cal Gas Reading: 497 ppm

BACKGROUND CONCENTRATION CHECKS

Upwind Location Description: NW Access Rd. Reading: 2.38 ppm

Downwind Location Description: SE Access Rd. Reading: 4.77 ppm

NOTES:

Re-check of USEPA inspection on 7.29.14.

[Signature]

SEM Cal Form

WM00210

Site Name: CW Hills

[illegible]

WM00211